

PATENT
TH1843 02 (US)
DFH:EM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of)

KIRK H. RANEY, EDWIN E. TUCKER, JOHN F. SCAMEHORN,)
SHERRIL D. CHRISTIAN (Deceased), STEPHEN F. CAPPS,)
and LEONARD M. HABERMAN)

This is a division of Serial No. 09/949,746 which was)
filed September 10, 2001)

SYSTEM AND METHOD FOR ECONOMICALLY VIABLE)
AND ENVIRONMENTALLY FRIENDLY CENTRAL)
PROCESSING OF HOME LAUNDRY)

November 19, 2003

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

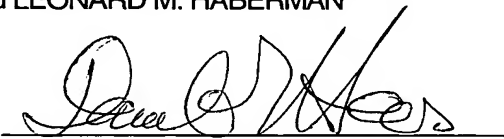
It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Copies of the referenced documents are not provided since they were previously submitted to the Office in the parent application, Serial No. 09/949,746 filed September 10, 2001.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

KIRK H. RANEY, EDWIN E. TUCKER, JOHN F. SCAMEHORN,
SHERRIL D. CHRISTIAN (Deceased), STEPHEN F. CAPPS,
and LEONARD M. HABERMAN

By



Their Attorney, Donald F. Haas
Registration No. 26,177
(713) 241-3356

P.O. Box 2463
Houston, Texas 77252-2463

FORM PTO-1449 (Modified) LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. TH1843 02 (US)		APPLICATION NUMBER	
				APPLICANT K. H. Raney et al.			
				FILING DATE		GROUP ART UNIT	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,307,650	5/3/94	Mertz	68	12.12	
	AB	5,868,937	2/9/99	Back et al.	210	651	
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation Yes No
	AH	WO 96/35641	11/14/96	World	C02F	1/44	<input type="checkbox"/> <input checked="" type="checkbox"/>
	AI	WO 97/24422	7/10/97	World	C11D	1/825	<input type="checkbox"/> <input checked="" type="checkbox"/>
	AJ	WO 97/23415	7/3/97	World	C02F	1/44	<input type="checkbox"/> <input checked="" type="checkbox"/>
	AK	WO 98/59025	12/30/98	World	C11D	1/83	<input type="checkbox"/> <input checked="" type="checkbox"/>
	AL	WO 98/32908	7/30/98	World	D06F	39/00	<input type="checkbox"/> <input checked="" type="checkbox"/>
	AM	WO 99/06817	2/11/99	World	G01N	15/08	<input type="checkbox"/> <input checked="" type="checkbox"/>
	AM	0,578,006 A1	1/12/94	Europe	D06F	39/00	<input type="checkbox"/> <input type="checkbox"/>
	AO	0,467,028 A1	1/22/92	Europe	C02F	1/44	<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	AR "Separation of an Anionic Surfactant by Nanofiltration," by Antonio C. Archer, Adelio M. Mendes, and Rui A. R. Boaventura, <u>Environ. Sci. Technol.</u> , 1999, 33, pp.2758-2764
	AS "Membrane Ultrafiltration to Treat Laundry Wastes and Shower Wastes for Water Reuse," by Robert B. Grieves, Dibakar Bhattacharyya, and J. W. Paul, <u>Intersociety Conference on Environmental Systems</u> , Seattle, Washington, July 29-August 1, 1974, pp. 1-10
	AT "Recovery of Surfactant from Micellar-Enhanced Ultrafiltration Using a Precipitation Process," by B. Wu, S. D. Christian, and J. F. Scamehorn, <u>Progr. Colloid. Polym. Sci.</u> , Vol. 109, 1998, pp. 60-73

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified) LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. TH1843 02 (US)		APPLICATION NUMBER	
				APPLICANT K. H. Raney et al.			
				FILING DATE		GROUP ART UNIT	

REFERENCE DESIGNATION								U.S. PATENT DOCUMENTS	
Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate		
	BA								
	BB								
	BC								
	BD								
	BE								
	BF								
	BG								
	BH								

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	BJ	3,513,939 A1	12/5/85	Germany	D06F	35/00	X	
	BK	0,845,555 A1	6/3/98	Europe	D06F	39/00		
	BL	2,672,043	7/31/92	France	C02F	1/44	X	
	BM	197 09 085 A1	11/20/97	Germany	D06F	23/00	X	
	BN	3513940 A1	12/5/85	Germany	D06F	95/00	X	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
	BR	International Search Report of 18 June 2002
	BS	
	BT	

EXAMINER	DATE CONSIDERED
-----------------	------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.